1888653-9 ✔ ACTIVE

OEG Miniature Relay PCF

TE Internal #: 1888653-9

RJ45 Connector, Multiple Ports, 2 x 1, Jack, Shielded, Cat 5e, Standard - Latch Down, 8 Position, OEG Miniature Relay PCF

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Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45**

Port Configuration: **Multiple Ports**

Port Matrix Configuration: **2 x 1**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Features

Product Type Features

Ground Feature Type	Grounding Clips
Connector Product Type	Connector Assembly
Modular Jack & Plug Interface Type	RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	PCB and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Ground Tabs	4
Panel Ground Location	Top and Side
Number of Panel Ground Tabs	12
Multiple Port Configuration	Stacked
Port Configuration	Multiple Ports
Port Matrix Configuration	2 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8
PCB Mount Orientation	Right Angle

Signal Characteristics

Data Rate	1 Gb/s

Body Features

LED Color (Bottom Left)	None
Insulator Material	Thermoplastic Polyester
LED Color (Bottom Right)	None
Grounding Tab Plating Material	Tin over Copper
Shield Plating Material	Tin over Nickel
Shield Plating Finish	Tin
Shield Material	Copper Alloy
LED Color (Top Right)	Green
LED Color (Top Left)	Yellow
Modular Jack Latch Orientation	Standard - Latch Down
Connector Profile	Offset - Overhangs PCB

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	4.14 mm[.163 in]

Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention Type	SMT Hold Down - Press-Fit
Connector Mounting Type	Board Mount, Panel Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.02 mm[.04 in]
Housing Color	Black

Housing Material	PBT Polyester

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	3.27 mm[.129 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Indicator Type	LED
Shielded	Yes
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Performance Category	Cat 5e

Packaging Features

Packaging Quantity	45
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

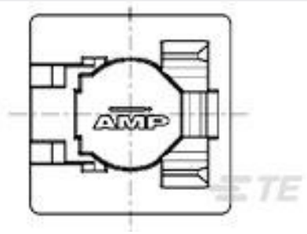
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products

will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 188729-1
8P.COVER/SOLD.STOP

TE Part # 1521003-2
CAT 5E CABLE ASSY, 8 POS RJ45

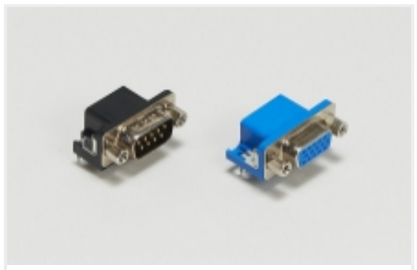
Also in the Series | OEG Miniature Relay PCF



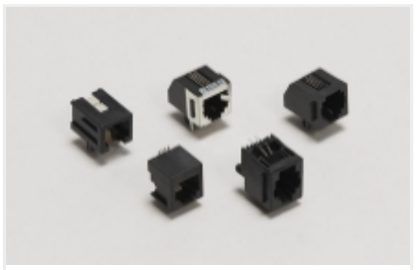
Combo Jacks(1)



Mini PCI Express & mSATA(1)



PCB D-Sub Connectors(1)



RJ14 Connectors(1)

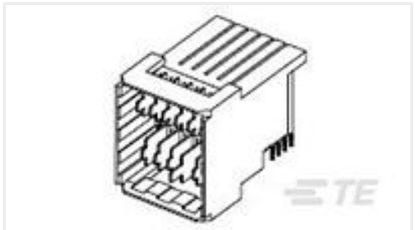


RJ22 Connectors(1)

Customers Also Bought



TE Part #1-353082-2
DYNAMIC D-5200 HDR V ASSY 3P



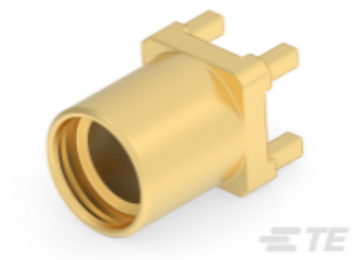
TE Part #1892731-2
Assy 2x6 MINIPAK HDE seq2



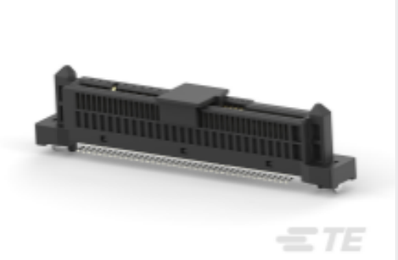
TE Part #2-1926739-5
AssyMinipak Hdl25s10pRARecptSc



TE Part #2042274-4
ELCON MINI 2P VERT HEADER,GOLD, W/ CODING



TE Part #2081857-1
MMCX STR PCB MOUNT RECEPTACLE 50 OHM



TE Part #2359516-2
SAS/PCIE 4.0 (U.2/U.3) RECEPTACLE, 68POS



TE Part #2187663-1
SW PIR RECT, 100OHM, 9X5SP

TE Part #2334560-5
MB+,BOARD SIDE

TE Part #2373026-1
CA, CCJ TO 3*Dynamic

TE Part #6450844-9
MBXL R/A HDR STR 1ACP+4S+1ACP

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1888653-9_E.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1888653-9_E.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1888653-9_E.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English